

MP - Testing of electrical equipment Seminar-Nr. 30.40.21 3T

After repairs and within certain time limits electrical equipment has to be checked and tested. In compliance with industrial health & safety regulations and the trade associations's regulations legal and normative standards are set out. In view of technical requirements of DIN VDE testing procedures are devised. In the case where measurement equipment already exist, these as well as the results will be included in the seminar alongside measurements using Gossen Metrawatt measurement and testing devices to adapt application in the participants' firms.

This seminar consists of interesting lectures, calculations and measurement- and testing sequences which will be applied to functioning as well as to faulty electrical equipment.

Participants: Electrical engineers and skilled persons for specified electronic tasks

Theory:

- ✦ Industrial health & safety regulations and TRBS for requirements for inspector qualification
- ✦ Hazards risks assessment and stipulation of individual test deadlines
- ✦ DIN VDE 0701-702 und DIN VDE 0544-4 for active and passive test sequences
- ✦ Compliance with required safety procedures during testing including test equipment recommendations
- ✦ In respect of transformer breakers and power generators including additional measurements of retaining safety standards

Group work:

- ✦ Setting out test sequences with sequence diagram support
- ✦ Completing tests followed by error detection adjustments
- ✦ Discovering test result differences according to varied equipment
- ✦ Listing out tested equipment and setting up a test protocol
- ✦ Fixing test stickers and assuring the compliance of repeat tests

Workshop:

- ✦ Testing electrical tools and machine tools
- ✦ Testing electrical household appliances, mobile or fixed units
- ✦ Testing electronic office machines and servers
- ✦ Reading instrument results and comparing them to specific equipment groups
- ✦ Correct application of test equipment and their required appliances

Start: By appointment
 Duration: 24 Lessons
 Implementation: 3 days, each with 8 lessons from 9:00 hrs to 16:00 hrs

Prices: 1 Participant	3.900,- €	per participant	3.900,- €
2 Participants	4.200,- €	per participant	2.100,- €
3 Participants	4.500,- €	per participant	1.500,- €
4 Participants	5.200,- €	per participant	1.300,- €
5 Participants	5.500,- €	per participant	1.100,- €
6 Participants	6.000,- €	per participant	1.000,- €

As of 6 participants, for each additional participant 1.000,- €. The prices regarding company graduation (lower prices at a higher number of participants) applies to: per company or per request for quotation. All prices are exclusive of legal VAT.